Question #1: I need to see all of the records on invoices with totals of either less than 5 or more than 10 within customer ids of 40 – 100. I only want to see the billing city, total, and billing country in that specific order sorted based on invoice date on descending order.

Answer #1: SELECT BillingCity, Total, BillingCountry

FROM Invoice i

WHERE (Total<5 or Total >10) and CustomerId BETWEEN 40 and 100

Order By InvoiceDate DESC;

Question#2: Return the list of customers with Gmail emails who are in countries that have ‘A’ in the name of the country. You can also get rid of the ones that have null for company. Sort it based on the first name of the customer. I like you to return first name, last name, postal code and fax number in that order.

Answer #2 : SELECT FirstName, LastName,PostalCode, Fax

FROM Customer c

WHERE Country like'%A%' and Email LIKE '[%@gmail.com](mailto:%@gmail.com)%' or Company NOTNULL

Order BY FirstName;

Question#3: Give me the list of artists with 5 letters names?

Answer #3: SELECT Name

FROM Artist a

WHERE Name LIKE '\_\_\_\_\_';

Question #4: Give me list of artists with names starting with B and ending with y or the names that are starting with Y and ending with b.

Answer #4: SELECT Name

FROM Artist a

WHERE Name LIKE 'B%y' OR Name LIKE'Y%b';

Question #5: Write a query that will get a track name and return the Genre of that track

Answer Number 5: SELECT\*

FROM Genre g

WHERE GenreId =(SELECT GenreId From Track t WHERE Name = 'Balls to the Wall');

Question #6: Write a query that will get a track name and return the Media Type of that track

Answer#6: SELECT \*

FROM MediaType mt

WHERE MediaTypeId =(SELECT MediaTypeId from Track t WHERE Name ="Balls to the Wall")

Question #7: Write a query that returns the sum of 1 and 2

Answer #7

Select Sum (1+2 ) ;

Question#8: Write a query that returns the sum of average of total in invoice, largest and smallest values of total

Answer#8: SELECT SUM(Total),AVG(Total),MAX(Total), MIN(Total)

FROM Invoice i;

Answer 9: I need to see the media type of an album e.g. 'Out Of Exile'. Your query should take the name of the album and return the media type

Answere 9: SELECT \*

FROM MediaType mt

WHERE MediaTypeId = (

Select DISTINCT MediaTypeId

from Track t

WHERE AlbumId =(

SELECT AlbumId

From Album a

WHERE Title ='Out Of Exile');

Question #10: Write a query that takes first name and last name of an Employee and returns a list of people who should report to that employee e.g. Andrew Adams. Nancy Edwards and Michael Mitchell should report to him.

Answer 10= SELECT FirstName, LastName

FROM Employee e

WHERE ReportsTo = (FirstName = 'Andrew' AND LastName = 'Adams') AND ReportsTo =1 AND ReportsTo = 6;